

Math & Science Partnerships – Better Together!



Vigo County School Corporation is Making it Happen!



OUR STUDENTS & FAMILIES The Vigo County School Corporation, located in Terre Haute, Indiana, is a mixture of rural, urban, and suburban populations with a 14,906 student enrollment. The VCSC has 18 elementary schools, five middle schools, and five high schools. The free/reduced lunch rate is 54.7%, and the special education rate is 19.4%. The VCSC provides ELL support to 187 Limited English students (1.2767%) representing 35 different native languages.

MATH AND SCIENCE PARTNERSHIPS

The Vigo County School Corporation (VCSC) has partnered with Rose-Hulman Institute of Technology (RHIT) and Indiana State University (ISU) to provide middle and high school teachers with high quality math and science content and pedagogy training. University professors offer cutting-edge

OUR PROMISING PRACTICE

Research-based training and application skills that enable middle and high school teachers to design lessons that align with the rigorous college and career readiness standards. The partnership provides a forum for collaboration between K-12 educators and higher education facility to ensure that students make a smooth transition from the K-12 setting into college and universities.

This innovative program will encourage students to take rigorous math and science courses in high school, including dual credit and Advanced Placement courses, and then continue on to higher education and the workplace better prepared to compete in our global society.

The VCSC is fortunate to have the support of RHIT and ISU professors who are eager to work alongside middle and high school teachers in learning more about best practices that deepen student understanding in math and science. The Indiana Department of Education provides a Math and Science Partnership Grant which has been invaluable in sustaining this program. The Vigo County Education Foundation also assists with program support.

"This grant allowed me to be able to explore, discuss, and learn more advanced topics regarding human anatomy, histology, and pathophysiology. To be able to work in the gross anatomy lab and work with the human cadavers was extremely valuable experience, one that I would not have had without the Math and Science Partnership Grant." - Teacher

"The accelerated pace of the class was a challenge and in the long run, a success. It really did feel like we were taking a course instead of just a workshop for a teacher, which was nice." - Teacher

"Focusing on a specific organ system and its pathophysiology in the gross anatomy lab increased my understanding of the material greatly." - Teacher

For more information about the Vigo County School Corporation, email: kag@vigoschools.org or jpn2@vigoschools.org or visit our website: <http://www.vigoschools.org>